

Test Report

CONFIDENTIAL

Report: BMT/MTP/F14369

Report on testing of a doorset to relevant clauses of BS 6375 Part 2 and BS 6375 Part 3

Issue date: February 2015



1762

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. This document is confidential and remains the property of Chiltern International Fire Ltd. The legal validity of this report can only be claimed on the presentation of the complete report.



Results of Test: BMT/MTP/F14369

Yildiz Entegre Ağaç Sanayi ve Ticaret A.Ş.
Arslanbey O.S.B. Mah.
1. Cadde No:13
Kartepe
41285 Kocaeli
Türkiye

This document confirms that performance testing was conducted on 18 December 2014. Testing was conducted to the following standards:

- BS 6375 Part 2: 2009 Performance of windows and doors – Part 2 Classification for operation and strength characteristics and guidance on selection and specification
- BS 6375 Part 3: 2009 Performance of windows and doors – Part 3 Classification for additional performance characteristics and guidance on selection and specification

The following results were achieved:

Product tested	VarioDor single leaf doorset (inward opening)		
Summary of testing procedure			Result
	Test Standard	Classification Standard	
Resistance to vertical load test	EN 947: 1999	BS EN 1192: 1999	Class 2
Resistance to static torsion test	EN 948: 1999	BS EN 1192: 1999	Class 2
Resistance to soft and heavy body impact test	BS EN 949: 1999	BS EN 1192: 1999	Class 2
Resistance to hard body impact test	BS EN 950: 1999	BS EN 1192: 1999	Class 2
Operating forces	BS EN 12046-2: 2000	BS EN 12217: 2003	Class 2
BS 6375 Part 3: 2009 Annex A Basic security test			Pass

The results relate only to the specimens tested, as detailed in the technical specification



Lee Grant-Riach - Technical Officer

Vincent Kerrigan - Technical Manager
Issue date: 9th February 2015

BM TRADA

Chiltern House, Stocking Lane, Hughenden Valley, High Wycombe, HP14 4ND, UK

Tel: 01494 569800 Fax: 01494 564895

Web: www.bmtradagroup.com Email: testing@bmtrada.com

This document is confidential and remains the property of Chiltern International Fire Ltd, trading as BM TRADA



1762

Technical specification

Report: BMT/MTP/F14369

Test For: Yıldız Entegre Ağaç Sanayi ve Ticaret A.Ş., Arslanbey O.S.B. Mah., 1. Cadde No:13, Kartepe, 41285 Kocaeli, Türkiye.

Performance testing to relevant clauses of BS 6375 Part 2: 2009 and BS 6375 Part 3: 2009 was conducted on your doorset on 18 December 2014. The technical specification is detailed below. The specimen was delivered to BM TRADA laboratory on 16 December 2014.

Description of construction

The specimen was identified as a VarioDor Single leaf doorset (inward opening). The overall frame dimensions were 866mm wide x 2025mm high x 107mm deep and leaf dimensions were 800mm wide x 1982mm high x 35mm thick. The specimen was locked with a removable key.

Door leaf

		Material/type	Dimensions (mm)	Density (kg/m ³)
Stiles and rails		None present	-	-
Core		Monoblok MDF*	34 thick	550*
Facings	Internal	Melamine paper*	0.5 thick	-
	External	Melamine paper*	0.5 thick	-
Lippings		PVC*	1 thick	-
Adhesive	Facings	PUR*		
	Lippings	PUR*		

* As stated by client, not checked by laboratory

Door frame

		Material/type	Dimensions (mm)	Density (kg/m ³)
Head and jambs		Monoblok MDF*	107 x 40	866*
Rebate		Single type	41 x 10	-
Joints		90° Straight jointed fixed with 2No. 4 x 70 screws	-	-

* As stated by client, not checked by laboratory

Hardware

	Make/type	Size (mm)	Fixing details (dimensions in mm)
Hinges	3No. Sofuoglu Hinges stainless steel hinges (Ref. Steel okka)*	25 x 100 blade size	4No. 5.5 x 40 screws** into frame 4No. 5.5 x 40 screws into leaf
Locking mechanism	Kale Lock (Ref. 166 AR)*	25 x 240	2No. 3.7 x 22 screws
Keep	Kale Lock (Ref. 166 AR)*	32 x 195	2No. 3 x 20 screws
Handle	Hafele (Ref. StarTec Mina)*	110 lever length	4No. 3 x 20 screws into internal face and 4No. 3 x 20 screws into external face

* As stated by client, not checked by laboratory

**screw fixed through frame and into subframe

Perimeter sealing details

	Make/type	Size (mm)	Location
Leaf edges	None present	-	-
Frame reveal	Elastomer (Ref. Silicone)*	10 wide	On rebate upstand
Seal continuity	Uninterrupted by hardware	-	-

* As stated by client, not checked by laboratory

BM TRADA provides independent certification, testing, inspection, training and technical services around the world. We help customers large and small to prove their business and product credentials and to improve performance and compliance. With an international presence across many industry sectors, we offer a special focus and long history of technical excellence in supply chain certification, product certification and testing, and technical services to the timber, building, fire and furniture industries.



testing@bmtrada.com



bmtradagroup.com



+44 (0) 1494 569800